

Storm Data and Unusual Weather Phenomena

November 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
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ATLANTIC OCEAN

ANZ531	Chesapeake Bay Pooles Is To Sandy Pt Md								
Tolchester Beach	06	2036EST			0	0			Marine Tstm Wind (MG35)
	Winds were measured at Tolchester Beach station. Slightly lower winds of 29 knots were also measured at the Francis Scott Key Bridge.								
ANZ531	Chesapeake Bay Pooles Is To Sandy Pt Md								
Millers Island	16	1615EST			0	0			Marine Tstm Wind (MG34)
ANZ534	Chesapeake Bay Drum Pt To Smith Pt Va								
16 SE Patuxent River Na	16	1905EST			0	0			Marine Tstm Wind (MG34)
ANZ533	Chesapeake Bay N Beach To Drum Pt Md								
Cove Pt	16	1912EST			0	0			Marine Tstm Wind (MG39)
ANZ534	Chesapeake Bay Drum Pt To Smith Pt Va								
16 SE Patuxent River Na	16	1930EST			0	0			Marine Tstm Wind (MG35)

DISTRICT OF COLUMBIA

DCZ001	District Of Columbia								
	16	0730EST			0	1			Strong Wind (EG35)
	A woman was seriously injured in Northwest DC when strong winds caused a tree branch to fall, knocking the woman down while she was walking down the street.								

MARYLAND, Central

MDZ006>007-010-013>014-016>018	Northern Baltimore - Harford - Howard - Prince Georges - Anne Arundel - Charles - St. Mary'S - Calvert								
	12	0300EST 0600EST			0	0			Frost/Freeze
	Temperatures fell to 32 degrees or below for several hours, causing the growing season to end with widespread frost and freeze conditions.								

MDZ002>004-006-011-014	Allegany - Washington - Frederick - Northern Baltimore - Southern Baltimore - Anne Arundel								
	22	1200EST 1945EST			0	0	1.5M		Strong Wind (MG39)

Power outages were reported around the area due to strong winds bringing down trees and powerlines.

A large low pressure system along with a strong cold front moved across the region on Thanksgiving Day causing strong winds. The system caused a prolonged period of strong winds in many parts of the region. Local newspaper reports indicated that 14,000 Baltimore Gas & Electric customers were without power, due to the strong winds taking down trees and power lines. The power outages lasted several hours into the evening on Thanksgiving Day, and affected locations from Western Maryland, southeast into Lower Southern Maryland.

The following are the reports of damage due to this strong wind event:

Power outages were reported around the area due to strong winds bringing down trees and power lines. Wind gust values ranged between 45 to 52 mph. Widespread power outages were reported in the Baltimore Metropolitan Area. Several wind gusts were reported at airports in the region. Downed trees and power outages were reported in the general area. Strong wind gusts were also measured at the Frederick, MD Municipal Airport. Strong wind gusts were measured at the Baltimore-Washington International Airport (BWI).

Washington County									
2 NE Smithsburg	29	1835EST			0	0	50K		Thunderstorm Wind (EG55)
	Several trees were downed in the vicinity of Raven Rock Road and Edgemont Road.								
Frederick County									
Sabillasville	29	1840EST			0	0	200K		Thunderstorm Wind (EG65)
	Roof blown off house and rendered uninhabitable.								
Frederick County									
Frederick	29	2030EST 2230EST			0	0			Flash Flood

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					Killed	Injured	Property	Crops	

MARYLAND, Central

Numerous roads flooded around the city.

A large low pressure system moved from the Ohio Valley into the Middle Appalachians on November 29. Southerly winds brought moisture into the region. Heavy rainfall occurred across much of the area, and thunderstorms produced flash flooding in Frederick County. A few severe thunderstorms also occurred.

VIRGINIA, North

VAZ053

Fairfax

16 1330EST 0 0 75K Strong Wind (EG40)

Dominion Power Company reported about 3300 Virginia customers without power, when strong winds downed tree branches onto power lines near Springfield, VA.

VAZ029

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22 2300EST 0 0 Winter Weather/Mix
23 0400EST

A cooperative observer measured 1.0 inch of snow at the Big Meadows Wayside in Shenandoah National Park. The snowfall caused Skyline Drive to be closed for several hours. The snow occurred, as a coastal storm moved across the Mid-Atlantic Region on the 22nd and 23rd.

VAZ025>026-029>030-
036>037-037>040

Augusta - Rockingham - Page - Warren - Nelson - Albemarle - Greene - Madison - Rappahannock

29 1100EST 0 0 Flood
1900EST

Clarke County
North Portion

29 2025EST 0 0 20K Thunderstorm Wind (EG50)

Tree downed along Route 7 and Pine Grove Road, near the village of Wickliffe and the West Virginia state line.

A large low pressure system moved from the Ohio Valley into the Middle Appalachians on November 29. Southerly winds brought moisture into the region. Prolonged heavy rainfall which lead to flooding occurred, especially in portions of the Shenandoah Valley and foothills east of the Blue Ridge. A few severe thunderstorms also occurred. Several roads were flooded including routes 55, 621, 601, 600, 670, 676, 810, and Mount Air Farm Road. Several streets were flooded in the City of Staunton. In the same general time, three roads were also closed in the City of Waynesboro. Route 55 just east of Front Royal had 1 foot of standing water on road. Other roads near the Blue Ridge were closed, including around Browntown and Bentonville. Ten roads were closed in Page County due to high water. Nine roads closed across Greene County due to high water. Routes 621 and 601, 2 miles southeast of Washington in Rappahannock County were underwater, as well as Route 601 near Nethers, which was underwater. Routes 600 and 670 in Madison County were closed in several places due to high water. Cars were flooded in highwater with several roads closed in the downtown portions of the City of Charlottesville, as well as in the western portion of the City of Charlottesville. A bridge was washed away in Augusta county with China Clay Road flooded in Stuarts Draft. Flooding was also reported in Staunton. In Rockingham county US Route 33 was closed west of Harrisonburg, and routes 609 and 613 were also closed.

WEST VIRGINIA, East

WVZ048

Grant

22 2100EST 0 0 Heavy Snow
23 0400EST

A cooperative weather observer measured 4.5 inches of snow at Bayard.

WVZ054

Pendleton

22 2100EST 0 0 Winter Weather/Mix
23 0400EST

A cooperative weather observer measured 2.0 inches of snowfall at Onego.

A deep coastal storm moved across the Mid-Atlantic Region on the 22nd and 23rd of the month. While rain was occurring closer to the coast, snow occurred a little further inland across portions of West Virginia, Virginia and Maryland.

WVZ053

Jefferson

24 1310EST 0 0 100K Strong Wind (EG40)
1400EST

A large low pressure system along with a strong cold front moved across the region on Thanksgiving Day. The system caused a prolonged period of strong winds in many parts of the region. Widespread power outages were reported on Thanksgiving afternoon in the Shepherdstown, WV area. Nearly 150 residents lost power, mostly in the Deer Mountain Estates area. Martinsburg Airport, which is nearby, reported a wind gust of 37 knots (43 mph).

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WEST VIRGINIA, East

WVZ051-055

Morgan - Hardy

**29 1730EST
1915EST**

0

0

50K

Flood

Small streams out of banks in the town. Several downtown streets flooded.

Berkeley County

Martinsburg

**29 1855EST
2100EST**

0

0

Flash Flood

Flooding was reported over several city roads.

Jefferson County

Countywide

**29 1930EST
2130EST**

0

0

150K

Flash Flood

Vehicles were flooded out in water across the county.

Jefferson County

Countywide

29 1930EST

0

0

100K

Thunderstorm Wind (EG50)

Tree downed into a house. Powerlines downed. Trees blocking roads, scattered throughout the county.

A large low pressure system moved from the Ohio Valley into the Middle Appalachians on November 29. Southerly winds brought moisture into the region. Prolonged heavy rainfall occurred in the Eastern West Virginia Panhandle. This heavy rainfall lead to flooding in some areas. Small streams were out of their banks in Berkeley Springs with several streets downtown flooded. In addition, flooded streams lead to road closures in Hardy County. On the evening of the 29th, some thunderstorms produced flash flooding in Jefferson and Berkeley counties. A few severe thunderstorms also occurred.